

#### INTRODUCTION

With your PT-1830, you can create labels for any application. Select from the many frames, character sizes and styles to design beautiful custom labels. In addition, the variety of tape cartridges available allows you to print labels with different widths and exciting colors.

Read this manual carefully before starting and keep the manual in a handy place for future reference.

#### **FCC NOTICE**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1 This device may not cause harmful interference, and (2) this device must accept any interference received including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
   Increase the separation between the equipment and receiver.
   Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
   Consult the dealer or an experienced radio/TV technician for help.
   Changes or modifications not expressly approved by Brother Industries, Ltd. could void the user's authority to operate the equipment.

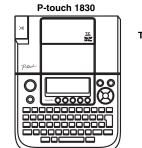
### **GENERAL PRECAUTIONS**

- Use only Brother TZ tapes with this machine. Do not use tapes that do not have the TE mark.
- Do not clean the machine with alcohol or other organic solvents. Only use a soft, dry
- Do not touch the print head mechanism. Use a soft wipe (e.g. a cotton swab) when cleaning the print head.
- To avoid injuries, do not touch the cutter's edge To prevent damage or breakage of the glass, do not press hard on the LCD display.
- · Do not put any foreign objects into or heavy objects on the machine.
- . Do not leave any rubber or vinyl on the machine for an extended period of time otherwise the machine may be stained. • Do not get the machine wet, such as by touching with wet hands or spilling beverages
- on to the machine. · Do not expose the machine to extremely high temperatures or high humidity. Never
- leave it on the dashboard or in the back of your car, near heaters or other hot appliances. Keep it out of both direct sunlight and rain. Avoid using the machine in extremely dusty places.
- . Do not pull on the tape being fed from the P-touch labeler, otherwise the tape
- cassette may be damaged. Do not attempt to cut the tape while printing or feeding since this will damage the tape. Do not try to print labels using an empty tape cassette set in the P-touch labeler. Doing
- so will damage the print head. Remove the batteries and disconnect the AC adapter if you do not intend to use the
- machine for an extended period of time. (Note: When power is disconnected for more than three minutes, all text shown in the display and any text files stored in the memory will be lost. Language and unit settings will also be cleared.)
- Do not use old and new batteries together or mix alkaline batteries with other type batteries, or set the positive and negative end in the wrong position. Otherwise, the batteries may leak or be damaged.
- Use only the suggested AC adapter (AD-30/AD-24) for this machine to prevent any damage or failure.

## PREPARATION

### **Unpacking Your P-touch Labeler**

Check that the package contains the following before using your P-touch la-



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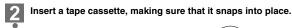


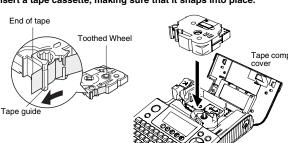
Included items may differ by distribution

### Tape Cassettes

Make sure that the power is turned off when replacing a tape cassette.

Open the tape compartment cover by lifting up both sides at the same time. f a tape cassette is already installed, remove it by pulling it straight up.



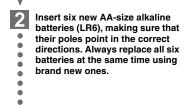


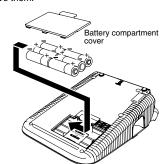
- Make sure that the end of the tape feeds under the tape guides. • If the ink ribbon is loose, use your finger to wind the toothed wheel in the direction of the arrow on the cassette After you have installed the tape, feed the tape (see Feeding) once and then push
- in the tape cutter lever to cut the tape. 3 Securely close the front cover, making sure that it snaps into place.

### **Power Supply**

Make sure that the power is turned off when replacing batteries.

Turn the machine over and remove the battery compartment cover. f batteries are already installed, remove them.





Attach the battery compartment cover by inserting the three hooks at the ottom into the slots on the machine, then pushing down firmly on the cover until it snaps into place.





- 1 Insert the plug on the adapter cord into the adapter jack on the right side of the
- 2 Insert the plug into the nearest standard electrical outlet. For memory back up, we recommend using AA-size alkaline batteries (LR6) together when using the AC adapter.



((Fin) + 11 )

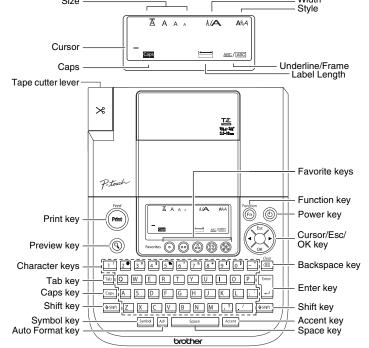
(Fn) + 2º)

((Fn) + 3<sup>#</sup>)

( (Fin) + 5\* )

## **OPERATION**

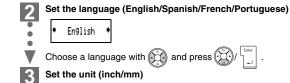
## **Keyboard & LCD**



The LCD shows one row of 15 characters; however, the text that you enter can be up to 80 characters in length. Use with Shift key to go to top/end of the text.

#### Initial Setting

- Supply power by using six AA batteries or the optional AC adapter, and then



inch Choose a unit with and press

- The machine automatically turns off if no key is pressed within 5
- To cancel operations, press ( )
- To initialize the settings, turn off the machine and then while holding down and R, press (b) to turn the machine back on. Finally, release sim and R . <Note> The text and formats in the display and all text files stored in the memory are erased. Also, the language and unit set-

## Creating Labels

See the under side for steps of creating labels.

## REFERENCE

## **Troubleshooting**

| Message        | Cause/Remedy   |  |  |
|----------------|--|--|--|
| Battery Weak!  | The batteries are weak.  |  |  |
| Check Battery! | The installed batteries are about to run out.  |  |  |
| Invalid!       | There is no text above the cursor when you set Numbering. Invalid character is selected for Numbering. Invalid number is selected for Tab Length or Label Length.  |  |  |
| No Text!       | You tried to print a text file when there is no data stored in the memory.     The Print key is pressed when no text is entered.     You tried to set Copies, Numbering or Mirror when no text is entered. |  |  |
| Line Limit!    | You tried to enter a 3rd line by pressing Enter key.     You tried to print a 2 line text when 9/64" (3.5 mm) or 1/4" (6 mm) tape is installed.  |  |  |
| No Cassette!   | You tried to print a label when there is no cassette installed.  |  |  |
| Cutter Error!  | Tape cutter lever is used in the middle of printing process.   |  |  |
| Full!          | The maximum number of characters (80 characters) have already been entered.  |  |  |
| Text Too Long! | The text length exceeds the selected label length or the selected Auto Format setting length.  |  |  |
| No Frame OK?   | Printing on 9/64" (3.5 mm) tape with invalid Frame setting  ON. (Select ( ) to print with no Frame, ( ) to cancel.)  |  |  |

| Problem   | Solution   |
|---|--|
| The display stays blank after you have turned on the machine.   | <ul> <li>Check that the batteries are correctly inserted.</li> <li>If the batteries are weak, replace them.</li> <li>Check that the AD-30/AD-24 adapter is correctly connected.</li> </ul>   |
| The machine does not print.   | Check that the tape cassette has been inserted correctly.     If the tape cassette is empty, replace it.   |
| The printed characters are not formed properly, or the printed characters are blurred.                                | The batteries may be weak. Replace them.   |
| The memory has cleared on its own.  | The batteries may be weak. Replace them.   |
| A blank horizontal line appears through the printed label.  | <ul> <li>There may be some dust on the print head. Remove the tape cassette and use a dry cotton swab to gently wipe the print head with an up-and-down motion.</li> <li>The print head can be cleaned more easily if the optional print head cleaning cassette (TZ-CL4) is used.</li> </ul> |
| The machine has<br>"locked up" (i.e., nothing<br>happens when a key is<br>pressed, even though<br>the machine is on). | Turn off the machine, and then while holding down and R, press (a) to turn the machine back on. Finally, release (a) and R.  Turn off the machine, and R own the machine back on.  Finally, release (a) and R.   |

## **Specifications**

| Item          | Specification   |
|---------------|---|
| Dimensions    | 6.8" (W) × 8.8" (D) × 2.4" (H)<br>(173 mm (W) × 222 mm (D) × 62 mm (H))                       |
| Weight        | 1.29 lbs. (590 g) (without batteries and tape cassette)                                       |
| Power supply  | Six AA-size alkaline batteries (LR6) or optional AC adapter (model AD-30/AD-24)               |
| Tape cassette | Brother TZ tape (width): 9/64" (3.5 mm), 1/4" (6 mm), 3/8" (9 mm), 1/2" (12 mm), 3/4" (18 mm) |

#### Accessories (Supplies may differ by distribution.)

| Accessories    | Stock No.  |  |
|----------------|--|--|
| Tape Cassettes | See the attached "Supplies and Accessories Guide". |  |
| AC Adapter     | model AD-30/AD-24                                  |  |
| Carrying Case  | CC3000   |  |

## [CREATING LABELS]

# **MAKING TEXT**

Move the cursor to where the second line starts and press

**Switching Upper Case/Lower Case** Caps

Upper case ( Gps ON) A B Ĉ D E\_

Lower case ( Gaps OFF) a b<sup>°</sup>c d e\_

Label image

7 | \$ ¢ € £ ¥ °

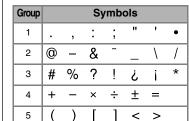
8 αβγδμΩ

# Use either 3/8" (9 mm) or 1/2" (12 mm), or 3/4" (18 mm) wide tape for two line text.

ABCĴDEF\_ **Entering Symbols** 

**Making Two Line Text** 

# Symbol > (2) 1.1;"' 01/12 (2)



- 9 2 3 2 3 ★ ○ 10 | ↓ ~ == → ∪ ⊗ == 11 **\( \)** 🛦 🕸 😤 5 | ( ) [ ] < > 12 🕿 🔊 🚟 🖂 6 → ← ↑ ↓ • To go to the next group, press [symbol] To cancel operations, press ( )
- **Entering Accented Characters**

| A ~ Z > Accord > Cont / ( ) > C |                          |   |                     |
|--|--------------------------|---|---------------------|
|  | Accented Characters      |   | Accented Characters |
| Α  | ÁÀÂÄÆÃĄÅĀĀ               | а | á à â ä æ ã ą å ā ă |
| С  | ÇČĆ                      | С | ÇČĆ                 |
| D  | ĎĐ                       | d | ď ð đ               |
| Е  | ÉÈĖËĘĔĖĒ                 | е | éèêëęĕėē            |
| G  | ĢĞ                       | g | ģğ                  |
| I  | 11111                    | i | íìîïįīı             |
| K  | Ķ                        | k | ķ                   |
| L  | ŁĹĻĽ                     | I | łĺļľ                |
| N  | ÑŇŃŅ                     | n | ñňńņ                |
| 0  | ÓÒÔØÖŌŒŐ                 | 0 | óòôøöõœő            |
| R  | ŘŔ                       | r | řŕ                  |
| S  | ŠŚŞß                     | S | šśşβ                |
| Т  | ŤŢÞ                      | t | ť ţ þ               |
| U  | Ú Ù Û Ü Ü Ü Ü Ü <u> </u> | u | ú ù û ü ų ů ū ű     |
| Υ  | ÝΫ                       | у | ýÿ                  |
| Z  | ŽŹŻ                      | Z | žźż                 |

Fotor Dic

To cancel operations, press

The order of accented characters differ by the selected LCD language.

# To Clear

By pressing the Backspace Key, the letters will be deleted one by one.

All text and settings will be cleared. ♦ Shift + ®

Setting [Size]

[Normal]

(Size) > (Size) (Size) (Size) (Size) J.SMITH J.SMITH

J.SMITH J.SMITH Automatically adjusts the text size according to the tape width.

setting is [Off]. Setting [Width]

(m) > (iii) [Width] (iii) > (iii) [×2] (iii) [×1/2] J.SMITH J.SMITH

Select MAX to print with maximum text size when using 18 mm (3/4") tape, all

texts are in upper case, the Style setting is [Normal], and the Underline/Frame

**DESIGNING LABELS** 

J.SMITH Setting [Style] (Vertical)

(Style) > (Style) (Vertical) [Outline] J.SMITH J.SMITH J.SMITH [Shadow] [Italic] [Italic Bold] J.SMITH J.SMITH J.SMITH [Vertical] [Italic Outl](Italic Outline) [Italic Shadow] J.SMITH っ・の≥−⊢ェ

**Setting [Underline/Frame]** 

Setting [Tab]

ABCŪ<u>D</u>

((Fn) + 4<sup>1</sup>) (iii) > (iii) [Underline/Frame] (iii) > (iii) [Underline] (iii) [Callout] ABC ABC ABC **ABC** ABC [Banner] [Vine] [Hand] [Flower] ABC ABC ₽ABC⋤ **₿ABC₿** Frames cannot be printed on 9/64" (3.5 mm) tape.

You can make aligned texts by setting tabs. Example: To set a tab between "ABC" and "D" The cursor should be positioned where you set a tab (Fin) > (Cab) (Tab) (Cab) Display

 You can also set a tab by using the Tab Key on the keyboard. Setting [Tab Length](Auto / 0.0" - 4.0")((6) + (2) 

You can also select the length by entering the length with Num keys.
To return to [Auto], press

See

... Setting [Label Length](Auto / 1.2" - 12.0") ( + 12) 

**Setting [Auto Format]** ((Fin) + B\*) You can choose label length from six formats to create labels for various ap-

|              | - 0    |  |
|--------------|--------|--|
| Application  | Length |  |
| VHS Spine    | 5.5"   |  |
| MiniDV Spine | 1.6"   |  |
| Audio Tape   | 3.5"   |  |

(NHS Spine) Application Length

## **Text Preview**

You can preview the text before printing. (A) (B)

• The LCD shows the whole text and the label length (inch/mm), then returns to the

3 PRINTING LABELS

• Only the text can be previewed, not the font, style, size, underline/frame or any

## **Printing**



- To cut off the label, push in the tape cutter lever on the upper-left corner of the
- To prevent damage to the tape, do not try to cut while the message "Print" or "Feed"

## Feeding (Tape Feed)

Shift + Print

The machine will feed (put in amount) of tape, which may be needed when installing a new tape cassette or when using the [Chain Print] feature.

((Fn) + (1)

Setting [Margin] (Tape Margin) 6 > (Margin) ( > ( ) [Full) ( )

[Full]/[Half]/[Narrow] is for leaving equal margins on both sides of the text. NOTE: Cut along the printed dots (:) with scissors so the text is centered in the label. 1/6" 1/6"

[Chain Print] is for printing more than 1 copy of a label with minimum margin

<e.g. 1>. You can also create a label containing text in various styles; print a

text in one style, and before feeding, enter the second text in another style

FEED THE TAPE BEFORE USING THE CUTTER (see Feeding/Printing). Otherwise A PART OF THE TEXT MAY BE CUT OFF. Do not try to pull the tape since this may damage the tape cassette Chain Print ABC ABC ABC ABC ABC

**Using [Print Option]** ((Fn) + 0<sup>2</sup>)

(Copies)

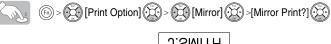
You can print up to 9 copies of each label.

[Copies]

Set 1-9? 5 You can also select the number of copies by entering with Num keys. [Numbering]

You can print many copies of the same text while increasing a selected number by 1 after each label is printed. Example: To print copies of a label containing a serial number (0123, 0124 and 0125) > (Fin) > (Civ) [Print Option] 

Select the highest number you wish to be printed when setting the number. [Mirror]



J.SMITH

Use clear tape in [Mirror], so the labels can be read correctly from the opposite side when attached on glass, windows or other transparent surfaces.

# **COMPLETED LABELS**

SOON SOOS Mary.B

Larry Sampson <Marketing Dept.>

⊠ Ken@P-touch.com

**☎**05(8652)−6491

O DO NOT TOUCH

My Favorite Music 🖈 Best Hits of the 90's 🖈

Peel the printed label from backing and apply the label.

## USEFUL FUNCTIONS **Memory** (Favorites)

You can save and print your favorite label in seconds at the touch of a button. There are five Favorite Keys (  $\bigcirc$  ~  $\textcircled{\text{@}}$  ) to store your five favorite labels.

> > > Save? :P-touch To Print:

O Print? :P-touch To Open: ② > ○ > ○ | Open? : P-touch |

When the saved text contains more than 8 characters, use to scroll

**Function Shortcuts** 

((Fn) + 11 ~ 0 )

In addition to the basic steps to search for a function, the PT-1830 provides you with function shortcuts so you can easily jump to a frequently used function just by pressing (Fn) and the shortcut key shown in the table below. To confirm, press (%).

| Key  | Function          | Key | Function       |
|------|-------------------|-----|----------------|
| 1 !  | [Size]            | 6   | [Tab Length]   |
| 2.   | [Width]           | 7.8 | [Label Length] |
| 3 #  | [Style]           | 8*  | [Auto Format]  |
| 4 \$ | [Underline/Frame] | 9(  | [Margin]       |
| 5*   | [Tab]             | 0,1 | [Print Option] |

Should you encounter any problems with your product, please do not return your product to the store!

After referring to the User's guide, if you still need assistance, call Brother Customer Service at:

> Voice: 1-877-4-PTOUCH www.brother.com Web: 1-901-379-1210 Fax

If you need to locate a service center, please call 1-800-284-HELP or visit

us at www.brother.com